

## **Claims**

What is claimed is:

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1. A heated pet mat, comprising:

a fire retardant covering having a shape of a truncated circle folded in half to form two layers; and

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a resistive heating element sandwiched between the two layers.

2. The heated pet mat of claim 1, wherein the two layers are sealed along an edge.

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3. The heated pet mat of claim 2, wherein the fire retardant covering is made of acrylonitrile butadiene styrene plastic.

4. The heated pet mat of claim 2, wherein the fire retardant covering is made of polyvinyl chloride.

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5. The heated pet mat of claim 2, wherein the two layers are sealed by welding the two layers together.

6. The heated pet mat of claim 1, wherein the truncated circle has a width that is 10% shorter than a radius.

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7. A heated pet mat, comprising:

a housing having a shape of a truncated semicircle; and  
a heating element contained within the housing.

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8. The heated pet mat of claim 7 wherein the housing is formed of two layers of fire retardant plastic.

9. The heated pet mat of claim 8, wherein the two layers of plastic are made of acrylonitrile butadiene styrene plastic.

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10. The heated pet mat of claim 7, wherein the heating element includes a resistive heat wire.

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11. The heated pet mat of claim 10, wherein the heating element includes a transfer foil.

12. A heated pet mat, comprising:

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a first layer of fire retardant plastic in a shape of a truncated semicircle;  
a first transfer foil having approximately a same shape as the first layer of fire retardant plastic adjacent to the first layer of fire retardant plastic;  
a layer of heating wire adjacent to the first transfer foil;  
a second transfer foil having approximately the same shape as the first layer of fire retardant plastic adjacent to the layer of heating wire; and  
a second layer of fire retardant plastic having approximately the same shape as the first layer of fire retardant plastic and sealed along an edge to the first layer of fire retardant plastic and second layer of fire retardant plastic.

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